



NITFS Compliance Registration



Product: Geomatica Focus Import/Export Module

Sponsor: PSI Geomatics

Developer: PSI Geomatics

Date: 19 March 2007

Expiration: 18 March 2009

Registration #: 2049

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☐ V1.1
- ☒ NSIF
- ☒ V1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☒ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☒ B0 Mapped **
- ☒ CGM, 2301
- ☒ CGM, 2301A
- ☒ Labels **

Text Segments

- ☒ STA
- ☒ WT1
- ☒ W8S
- ☒ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsampling
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☒ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☒ Registered Extensions **

Tagged Record Extensions

- ☒ DIGEST GeoSDE
- ☒ PTAE
- ☒ OMAPA
- ☒ RPFDES
- ☒ RPFHDR
- ☒ RPFIMG
- ☒ CHIPB
- ☒ RDC00B
- ☒ STDIDC
- ☒ USE00A

Legend

Interpret
Generate

- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.

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